

# BACK LIGHT UNIT

## Abstract

A backlight unit with high thermal dissipation. The back light unit includes a light source generator positioned in a backside of a display panel for providing light beams to the display panel, a diffuser positioned between the light source generator and the display panel for uniformly scattering light beams from the light source generator to the display panel, and a housing enclosing the light source generator and connecting to the diffuser for reflecting the light beams to the diffuser. The housing further includes a heat pipe for being a heat transfer interface between the back light unit and an external environment.